BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

NO:BBMP/EE/YNK.D/EPMT-01/2020-21 Dt:02-5-2020

APPROVED TENDER SCHEDULE –'B'

Item 05

Name of Work :-Drilling of borewells and construction of RO plants in ward no -04 of yelahnka Satellite town sub division

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri R RANGANATH	
				Rate	Rate in Words
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.47, I. 9.4) PRED.SR 2019-20	Nos	3.00	3881.04	Three Thousand Eight Hundred EightyOne Paise Four Only
2	Sinking borewell of 165 mm dia clear using super-fast hydraulic rig of capacity 250 PSIG & above CFM & above in all stats including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) Page no. 46/ I. 9.1 PRED SR 2019-20 0 to 50 m	Each	150.00	357.41	Three Hundred FiftySeven Paise FourtyOne Only
3	50 to 100m	Each	150.00	455.26	Four Hundred FiftyFive Paise TwentySix Only

	0 to 150	Each	150.00	469.68	Four Hundred SixtyNine Paise SixtyEight Only
	150 to 200 m	Each	150.00	552.08	Five Hundred FiftyTwo Paise Eight Only
6	200 to 250 m	Each	150.00	653.02	Six Hundred FiftyThree Paise Two Only
7	250 to 300 m	Each	150.00	721.00	Seven Hundred TwentyOne Only
8	300 to 350 m	Each	400.00	849.75	Eight Hundred FourtyNine Paise SeventyFive Only
9	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) SE PRED III NO 84	Rmtr	180.00	1364.75	One Thousand Three Hundred SixtyFour Paise SeventyFive Only
10	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 (P. No.92/ I. No. 13.15 KPWD SR 2018-19)	Mtr	900.00	423.62	Four Hundred TwentyThree Paise SixtyTwo Only
11	Providing 250mm dia PVC Pipe BWSSB SR 17-18 PNO 133 SL NO 1.11	Rmtr	36.00	1393.59	One Thousand Three Hundred NinetyThree Paise FiftyNine Only
12	Providing 175mm dia ms casing cap page no III it no 85 pred 12-13 sr	No	3.00	103.00	One Hundred Three Only
13	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990. P. No. 7/ I No. (2.6.4) T3cx 6.0 Sqm KPWD Electrical SR 2019-20	Mtr	1860.00	211.15	Two Hundred Eleven Paise Fifteen Only

	alanta, Suguna, CRI KIRLOSKER AND ther equipment pumps 15.00 HP/11KW(30 Stage)P. No. XLII I No.43) (K P.W.D SR 2018-19)	Nos	3.00	65402.94	SixtyFive Thousand Four Hundred Two Paise NinetyFour Only
15	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cut-outs and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtrs long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia (P No.40, I No. 6.1)KPWD Electrical SR 2019-20	No	3.00	3089.69	Three Thousand EightyNine Paise SixtyNine Only
16	Supplying and Fixing 20"x20"x2.5"polished wood board made up not less than 15mm thick plank with front plank one end providing for olding at other end fixing the same to the valve using tapered bolts and nuts, (P No. 24 No.5.6.6 KPWD Electrical SR 2019-20)	Each	3.00	300.76	Three Hundred Paise SeventySix Only
17	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated sheathed, EXTREDED INNER SHEATHRD galvanised steel, stirp (2CX 10Sqm.mm wire armoured) confirming IS 3975;1990(no. of strip indicated i GTP) AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.A.4 Core 16Sqmm.P No.40/ I No.6.4.4 (4 core 16 Sq. mm) KPWD Electrical SR 2019-20	Mtrs	90.00	154.50	One Hundred FiftyFour Paise Fifty Only
18	Labour charges for laying of 1.1 K.V class UG cable, in existing trench GI Pipe / stoneware pipe /on wall/on poles as required In existing trench/duct 6 Sq.mm to.16 Sq. mm)P No. 41 / I No. 6.5.1 KPWD Electrical SR 2019-20	Mtr	75.00	12.24	Twelve Paise TwentyFour Only
19	Supplying and fixing of porcelain fuse channel with e on existing wooden / panel using necessary nuts, bolts and washers, 63 Amps (P No. 44 / I No. 5.7.3 KPWD Electrical SR 2019-20)	Each	3.00	233.81	Two Hundred ThirtyThree Paise EightyOne Only
20	Providing and fixing in position 50mm nominal bore non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipment's with all leads complete as per specifications (Page No.95 Item No. 13.62 / PWD SR 2018-19)	Nos	3.00	1385.49	One Thousand Three Hundred EightyFive Paise FourtyNine Only

	upplying and fixing miniature circuit breakers on existing MCB Distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, Energy cross -3 with short circuit breaking capacity of 10K And Completed wiring confirming to IEC 60898 50-63 Amps TPN (P. No. 27 I No.5.17.9) KPWD Electrical SR 2019-20	Each	3.00	2468.91	Two Thousand Four Hundred SixtyEight Paise NinetyOne Only
22	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road including cost of materials, labour, HOM complete as per specifications. (P. No.269/ I No 37.38 PWD SR 2018-19)	Cum	50.40	490.22	Four Hundred Ninety Paise TwentyTwo Only
23	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. (P. No.6/ I No 2.3 PWD SR 2018-19)	Cum	352.80	326.45	Three Hundred TwentySix Paise FourtyFive Only
24	Supplying PVC ring tight pipes conforming to IS 4980 :2000 With latest amendments and conveying to work site rolling and lowering into trenches laying true line level and prefect linking at joints testing and commissioning including loading and un loading at both destinations and cuts of pipes wherever necessary including joints of PVC pipes and specifically (excluding cost of pipes)with jointing of approval type with all labour with all lead and lift including encasing the pipe around to a depth of not less then 15cms with soft gravel or selected earth available from the excavation etc.., completed and giving necessary hydraulic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)(P. No.133 I No 1.4 BWSSB SR 2018-19) 63mm outer dia, 6kg/sqcm& class 5	Mtrs	840.00	125.66	One Hundred TwentyFive Paise SixtySix Only

	refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. P. No. 7.1/ I No. (2.11) KPWD SR 2018-19	Cum	352.80	132.11	One Hundred ThirtyTwo Paise Eleven Only
26	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18 of PWD BCSR 2018-19)	Cum	115.92	2061.32	Two Thousand SixtyOne Paise ThirtyTwo Only
27	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor. Above 12.5 HP upto 25 HP (P No. 24 / I No.5.2.2 KPWD Electrical SR 2019-20)	Nos	3.00	8240.00	Eight Thousand Two Hundred Fourty Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.